

Geometry 2.2 Assignment Answer Bank

Definitions and biconditional statements

The answer key doesn't include units, make sure you do

3 Trues and 1 False	B	If the sum of two angles is 180° , then they are supplementary.
24	D	
30	If 3 points are collinear, then they lie on the same line.	If two angles are not adjacent, then they are vertical angles.
36		
36	If 3 points lie on the same line, then they are collinear.	If two angles have the same measure, then they are congruent.
≈ 50		
61	If an angle is acute, then it is measures 30° .	If $x = 3$, then $8x + 1 = 16$.
86		It was a baritone saxophone.
151	If a rectangle is a square, then the sides of a rectangle are all congruent.	Nothing
166		
≈ 201	If I eat pizza, then it is friday night.	Two angles are congruent if and only if they have the same measure.
A B flat on the tenor saxophone is between 104 & 622 hertz.	If it is friday night, then I eat pizza.	Two angles are supplementary if and only if if their sum is 180° .